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Maine Perspective

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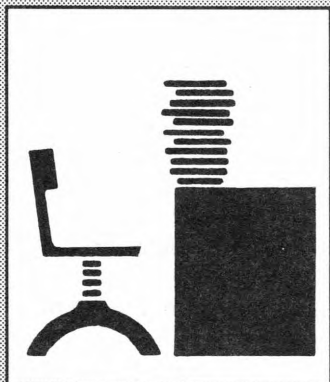
Maine Perspective

Vol. 2 No. 4

A PUBLICATION FOR THE UNIVERSITY OF

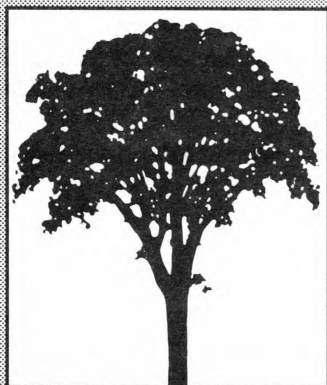
AUGUST 24, 1990

In Perspective



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Decade of Research Reveals Profile of UM Students

In coming weeks, thousands of first-year students will enter institutions of higher learning across the country and face new challenges. But more and more colleges and universities like the University of Maine are determined to minimize a traditional trauma some on-campus students encounter - roommate incompatibility.

"Roommate matching is more difficult than ever before," said Scott Anchors, director of Residential Life. "Basically it comes down to balancing challenge and support for incoming students. We want them to have some commonality so the challenge (of making a living situation work) is not too strong."

Gone are the days of "odd couples" grinning and bearing it. Opposites still attract and birds of a feather still tend to flock. But there are many more factors taken into account when making room assignments for incoming students, especially in today's

consumer-oriented society when a response like, "tough luck, work it out" is unacceptable when it comes to roommate difficulties, and when the quality of "away-from-home" life is so crucial to overall academic performance and well-being, Anchors said.

For the past 10 years, research has been ongoing at the University of Maine by Anchors and others to address issues related to roommate matching. "A Summary of a Decade of Research on the Myers-Briggs Type Indicator in the Residence Halls at the University of Maine" was presented in July at the annual conference of the Association of College and University Housing Officers International at the University of Georgia. Anchors, author of "Applications of MBTI in Higher Education" (1987), co-authored research on roommate matching that won a ACUHO-I award in 1985. As a result of his work, Anchors is sought-after by national

continued on page 2

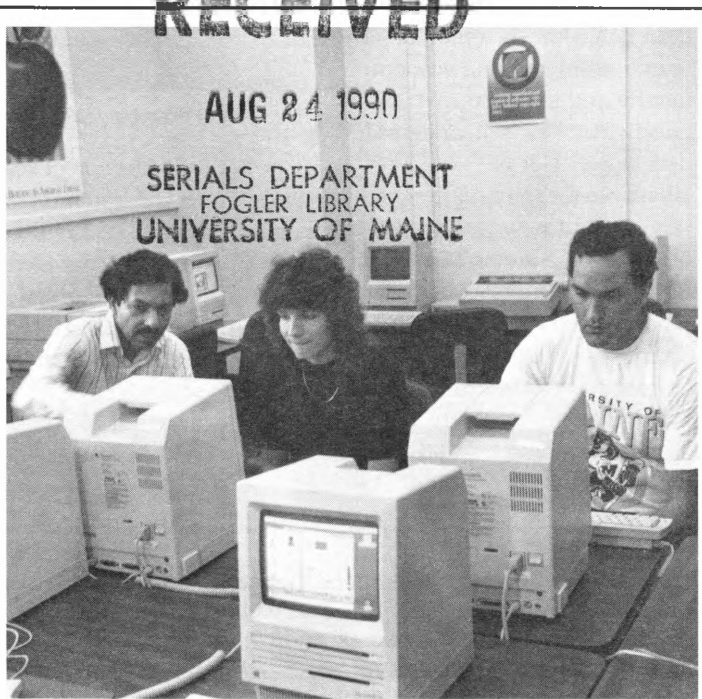
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The University of Maine's College of Business Administration has received a \$30,000 grant toward a Macintosh Computer Lab from Apple Computer Inc. The Lab, located in East Annex, includes 16 Macintosh SE and four IIfx computers, a laser printer, networking and software. Looking over the equipment are, left to right, UM graduate assistant M.J. Vachaspati of New Delhi, India, and Teresa Poulin of Auburn and Neal Pickard of Hermon, first-year graduate students in the UM Master of Business Administration Program.

Photo by Jack Walas



Student Research *continued from page 1*

media as an authority on the subject of roommate matching, factors affecting the first-year student's adjustment to college life and student behavior in general.

Much of the research revolves around use of the Myers-Briggs Type Indicator (MBTI) - a series of questions that categorizes individuals by psychological type, i.e. introvert/extravert, thinking/feeling, planful/spontaneous. Created during World War II to help military personnel identify and effectively apply their talents, MBTI has since grown to be the most frequently used psychological instruments in the country in such areas as education, business and industry, and psychology/counseling.

It was first used in roommate matching in the mid-'70s at Auburn University and today, at least 15 higher education institutions use MBTI to help their students in everything from roommate selection to career advisement.

Two years ago, the University of Maine ceased administering MBTI to all incoming first-year students wishing to live on campus because of the expense. However, it is still used for research in understanding student behavior; as a tool for teambuilding among student, faculty and staff groups; and as another tool for self-understanding and development. It is available for roommate matching on request, but now Residential Life depends on a series of questions on its housing contracts - questions that have evolved from 10 years of research findings and have proven to be equally or even more important in determining roommate compatibility.

"I'm not convinced MBTI is the best way to match roommates," Anchors

said. "We learn just as much by finding out if the students are smokers or non-smokers, their sexual orientation, whether they go to bed early or late - issues more powerful than personality type."



Photo by Jack Walas

A decade of research with data collected from more than 16,000 UM students has resulted in some interesting findings that have implications in a number of areas - from how resident assistants are recruited to how the University is marketed. "It's behavioral science research done not to change lives but to stimulate people to think," said Anchors.

Among the highlights of the research:

- * UM students were found to differ significantly from the general North American population on which MBTI data is available. What surfaced was a profile of the typical UM student -

extraverted, "into everything," seeking out social events to fill the weekends that begin on Thursday, always in search of something new and novel. The profile of the atypical UM student is a "bookworm" who often is focused on inner goals and standards, organized, nothing haphazard in his/her social life.

- * More students are interested in having very active social lives. Over the past decade, UM has increased significantly in the amount of spontaneous MB types in contrast to planful MB types.

- * The high number of extraverts at UM may suggest continual tension in meeting stimulation needs, learning style mismatches and a variety of other person/environment challenges.

- * The highest persisters (those who stay) at the University of Maine are described as practical, concrete, logical and analytical.

- * The University of Maine extraverted women more frequently join campus health clubs (87 percent) over the same type of men (51 percent).

Maine Perspective

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The Microcomputer Resource Center, Computing & Instructional Technology Department. 11 Shibbes Hall, will be closed Aug. 27-31. MRC is changing accounting/inventory systems and will be unavailable for all calls, customers or equipment pickup/delivery.

POSITIONS

Advertisements for job openings to appear in Maine Perspective must be submitted to the Office of Equal Opportunity, 318 Alumni Hall, no later than noon Wednesday. Guidelines for filling professional positions, including forms for posting positions in Maine Perspective, are available by contacting the office of Equal Opportunity, x1226. A Request to Fill Form must be approved before posting in Maine Perspective (if not already approved).

Academic Mentors, Department of Academic Support Services. Positions for Study Hall Sessions two nights a week. Responsibilities include: Monitoring study sessions, assisting student-athletes in the development of time management and study skills, and serving as "general skills" resource person as needed. Other duties as assigned. Qualifications: Experienced undergraduates or graduate students, professional staff; background and/or interest in working with first-year and academically "at risk" students preferred. Individuals with developmental studies, English, and/or social sciences background encouraged to apply. Salary: \$6.85 per hour. Start Date: Week of Sept. 3. For further information and to apply, contact: Margaret Zillioux, Assistant Athletic Director for Academic Support Services, 303 Alumni Hall, University of Maine, Orono, 581-1833.

MPBN Positions:

Television Producer. Full-time regular. Responsibilities: General assignment productions for statewide public television. Qualifications: Must have two years proven experience in studio and remote productions, including directing, videography, editing, and managing project budgets. Bachelor's degree in broadcasting desired. Salary Range: \$18,000-\$20,000. Review of applications will begin Sept. 4.

Broadcast Transmitter Technician I. Part-time regular position. Responsibilities: Work is in the transmission control room on two, 12-hour shifts, 4 a.m. - 4 p.m., weekend work required. Ability to operate TV/FM transmission equipment. Qualifications: Associate degree in electronics preferred, with some broadcast

experience. Salary: \$8. per hour to start. Review of applications begins Aug. 2.

Television Graphic Artist. Half-time regular position. Responsibilities: Work with network staff to translate needs and ideas into visual graphics for television programs and printed material; design visual presentations, prepare program openings and closings, operate photographic equipment; plan layout and prepare mechanicals, illustrate and do paste-ups for printed matter. Qualifications: Applicant must have two-three years experience in television graphics, including use of computer-aided graphics equipment. Prefer degree in Fine Arts. Salary Range: \$8,000-\$9,500. Deadline for applications: Aug. 27. For further information and to apply, send letter of application and resume to: Maine Public Broadcasting Network, 65 Texas Ave., Bangor.

Director, Intensive English Institute, Intensive English Institute. Full-time regular, fiscal year appointment. Responsibilities: Supervise and develop curriculum, hire and supervise staff and faculty, manage budget, represent the interest of the Intensive English Institute externally - within and outside the University. Supervise testing, placement, admission and recruitment. Work with Admissions and departments regarding placement of students continuing from the Intensive English Institute into the University. Work with International Students Office on getting students "settled," arranging visas, shots, housing, etc. Supervise/provide opportunity for faculty development. Qualifications: Ph.D. in ESL or applied linguistics, recent experience in the administration of ESL programs and teaching experience in ESL or EFL. Experience in ESL curriculum development and student recruitment desired. Review of applications will begin Oct. 3. Start Date: January 1991. For further information and to apply, send vita and letters of reference to: James Troiano, Chair, Department of Foreign Languages and Classics, 201 Little Hall, University of Maine, Orono.

Financial Systems Analyst, Office of the Controller. Full-time regular, fiscal-year appointment. Responsibilities: Specifications, selection, installation, and maintenance of computerized financial systems; improving existing financial systems, including implementing an accounts payable system; and training and documentation of all financial systems. Qualifications: Five years relevant experience and a baccalaureate degree in finance, accounting, computer field or related field. Knowledge and experience in computerized financial reporting systems desired, including the acquisition and installation of new financial systems. Salary Range: \$38,000-\$40,000. Deadline for applications: Sept. 20. For further information and to apply, send resume, cover letter, and references to: Carole Berry, Office of Human Resources, University of Maine System, 107 Maine Ave., Bangor.

Department of Bio-resource Engineering Positions:

Director, Aquatic Animal Health Laboratory. Non-tenure track professional position. Initial appointment is for one year with continuation contingent on additional funding. Responsibilities includes: Assisting in the collection, processing and analysis of samples submitted for inspection and diagnosis, preparing reports on the results of inspections and diagnostic episodes, communicating with users and regulatory agencies, and performing extension-type duties (workshops, meetings, preparation of brochures, etc.) as necessary. Responsible for a staff which at present consists of two full-time research associates, three laboratory assistants, and clerical help. The successful candidate may be encouraged to become involved in applied research. Qualifications: Ph.D. in microbiology or a DVM, or related degrees, with experience in fish diseases, especially with fin fish health inspection procedures. The candidate should be an AFS/FHS, Title 50, and Canadian Fish Health Inspector, or eligible as such. Salary Range: \$30,000-\$35,000, depending on experience and

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qualifications. Review of applications began Aug. 15. Start Date: Oct. 1.

Research Assistant/Associate, Aquatic Animal Health Laboratory. Non-tenure track professional position. Initial appointment is for one year with continuation contingent on additional funding. Responsibilities: Perform fish health inspections according to AFS/FHS and/or Canadian FHPR Manual of Compliance guidelines. This will include sample collection, laboratory processing for the detection of certain viral, bacterial and protozoan pathogens and preparation of formal reports on the results of the fish health inspections for aquaculturists, regulatory agencies and AAHL. Other duties will consist of preparation for the health inspections including scheduling, preparing materials, making travel arrangements, and billing; maintenance of inventories, ordering, etc.; performance of diagnostic analysis of aquatic animals on an ad hoc basis, reporting of results thereof to users and AAHL, and supervision of Research Assistants (for Research Associate) and Laboratory Assistants. Qualifications: B.S. or B.A. in Microbiology, Aquaculture, Biology, Wildlife or related scientific discipline. For Research Associate, significant experience in performing fish health inspections. Salary Range: \$17,000-\$21,000, depending on experience and qualifications. Deadline for applications: Aug. 30. Start Date: Oct. 1. For further information and to apply, send resume and the names of three references to: John Riley, Bio-resource Engineering Department, University of Maine, Orono.

Research Assistant Professor, National Center for Geographic Information and Analysis. Full-time, two-year position, contingent upon funding, search continued until Sept. 28. For further information and to apply, send letter of application, curriculum vita, and the names and addresses of three references to: Andrew Frank, Associate Director, 107 Boardman Hall, University of Maine, Orono.

Postdoctoral Research Associate, Department of Botany and Plant Pathology. Fixed-length, one-year appointment. Continuation contingent upon funding. Responsibilities: Introduce plant disease resistance genes into commercial potato varieties; analyze foreign gene in transgenic plants; carry out resistance trials under greenhouse conditions; contribute to graduate teaching. Qualifications: Required - Ph.D. in Plant Pathology, training in recombinant DNA techniques, plant tissue culture, plant genetic engineering, potato pathology. Preferred - Potato transformation experience. Salary Range: \$20,000-\$24,000. Review of applications will begin Aug. 27. Start Date: Sept. 15. For further information and to apply send resume, three letters of recommendation, Graduate School transcripts, paper reprints to: Stellos Tavantzis, Department of Botany and Plant Pathology, Univ. of Maine, Orono.

Staff Nurse, Cutler Health Center. Nursing pool positions. Occasional work providing emergency staffing coverage for regular and temporary RN positions. Responsibilities: Providing professional nursing care in student health service walk-in clinic and infirmary. Qualifications: RN license to practice in Maine required. BSN degree and two years experience in college health, school health or ambulatory care preferred. Salary: \$10.95-\$11.95 per hour. Review of applications began Aug. 17. Start Date: Sept. 1 or as soon as possible. For further information and to apply, send resume and three references to: Martha Eastman, R.N., C., Clinical Coordinator of Nursing, Cutler Health Center, University of Maine, Orono.

The University of Maine does not discriminate on the basis of race, color, religion, sex, sexual orientation, national origin or citizenship status, age, disability or veteran status, and promotes affirmative action for women, minorities, persons with disabilities and veterans. Unless otherwise specified, the jobs are full-time, and the address for application information is: The contact person listed, department, University of Maine, Orono, Maine 04469. The listings above are greatly abbreviated. In order to assess your background relative to the job and to submit the most effective application, contact the hiring department for more complete information.

ALONG THE MALL

Julie O'Connor, administrative assistant, attended the MTA Summer Leadership Conference, July 30-Aug. 2, Bates College.

Eric Peterson, assoc. prof. of speech communication, presented a paper: "Dial 581-FROG: The Struggle Over Self-Naming by Franco-Americans in Maine," at the 12th international Colloquium on Communication, Lausanne, Switzerland, July 22-27.

James McClymer, assist. prof. of physics and astronomy, presented a poster: "Travelling Waves in Electrohydrodynamics Convection of a Liquid Crystal with a Magnetic Field," at the NATO Advanced Research Workshop on Nonlinear Dynamical Structures in Simple and Complex Liquids, Los Alamos National Laboratory.

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Put It In Perspective

Have you got a story idea for Maine Perspective? Perhaps you know of a University of Maine faculty or staff member, a student or alumna/alumnus who is doing something extraordinary on or off campus. Perhaps there's an issue that you would like to see addressed, or an unsung heroine/hero who deserves recognition. We'd like to hear from you. Give us a call, x3745, or drop us a note: Maine Perspective, Public Affairs.

UM Calendar

August 27 - September 10

All events are free and open to the public unless otherwise specified. Any speaker not otherwise identified is a member of the University of Maine faculty, staff or student body. Send notices of upcoming campus events to:

Maine Perspective Calendar
Public Affairs.

Calendar of events listings **MUST** be typewritten and should be sent **AT LEAST TWO WEEKS** in advance.

Deadline for each issue: 9 a.m. Friday
For more information, call x3745.

27 Monday

Retirement Reception honoring William Oliver, associate director of Continuing Education and Summer Session, 10:30 a.m., Aug. 27, behind Chadbourne Hall. x3142.

"Time Out of Mind: The Archaeology of Maine," oral exam by David Cook, candidate for master's in liberal studies, 2 p.m., Aug. 27, 116 Boardman Hall.

30 Thursday

Dedication Ceremony to unveil "The Community of Maine's Working Men and Women," an oil painting by Linda Landry, commissioned by the UM Bureau of Labor Education, 4-7:30 p.m., Aug. 30, Maine Technology Park. x4124.



31 Friday

"The Effect of Volcanic Eruptions on Surface Temperatures in Northeastern North America," oral exam by David Demeritt, candidate for master's degree in Quaternary Studies, 1:30 p.m., Aug. 31, 155 Stevens Hall.

2 Sunday

"Wild Video Dance Party," part of New Student Orientation, 7 p.m., Sept. 2, Memorial Gym. x1734.

4 Tuesday

Fall Semester Classes Begin

Wilson Center Campus Ministry Pizza Party, 5-8 p.m., Sept. 4, Damn Yankee. 866-4227.



5 Wednesday

Wilson Center Campus Ministry Student Planning Committee Meeting, 4 p.m., Sept. 5, North Bangor Lounge, Union. 866-4227.



ONGOING

New Student Orientation, Sept. 1-3.

Peace Studies Yard Sale, to benefit the Peace Studies Program, 10 a.m.-2 p.m., Sept. 6-7, Union. x2609.

"Forgotten Connections: Maine's Role in the Navajo Textile Trade, 1880-1930," a Hudson Museum exhibit, through Nov. 7. x1901.

"Paintings and Drawings by Marguerite Mair Klisseloff," a Hole in the Wall exhibit by a contemporary African-American artist, Sept. 1-Oct. 4, Union. x1734.

"Anders Knutsson: Lightscaapes/Ljuaskap," a University of Maine Museum of Art exhibit that focuses on Knutsson's 22-year involvement with developing the potential of light in painting, Sept. 1-Oct. 12. x3255.

"Certificate in Management: What Managers Do," part of the Certificate in Management Program, by William Rice, MBA, University of Maine, 6-9 p.m. Wednesday, Sept. 5-Oct. 3, 130 Barrows Hall. Admission. x4092.

Wilson Center Worship and Celebration, 5 p.m., every Sunday, followed by a light supper, Wilson Center, 67 College Ave. 866-4227.

Wilson Center Ecumenical Bible Study, noon, every Thursday, Stodder Private Dining Room. 866-4227.

continued next page

Calendar

6 Thursday

"The Idea of Creation," an Honors 210 lecture by Burton Throckmorton, professor of New Testament, Bangor Theological Seminary, 3:10 p.m., Sept. 6, 100 Neville Hall. x2777.

7 Friday

"The Supervisor as Trainer: The Role of the Supervisor as an Everyday Trainer," a Management Programs seminar by Frank Roach, human resource management consultant, 9 a.m.-4 p.m., Sept. 7, Hilltop Conference Room. Admission. x4092.

Dedication of the Winthrop C. Libby Cooperative Extension Hall, 10 a.m., Sept. 7, Libby Cooperative Extension Hall, Grove Street Extension, next to Nutting Hall. x1502.

Block Party and Meal-on-the-Mall featuring live music by "The Reach" and "School Street Band," 4:30 p.m., Sept. 7 x1734.

8 Saturday

Live from the Union: It's Saturday Night, featuring live music by "Hot Wax," 9 p.m., Sept. 8, Bear's Den. x1734.

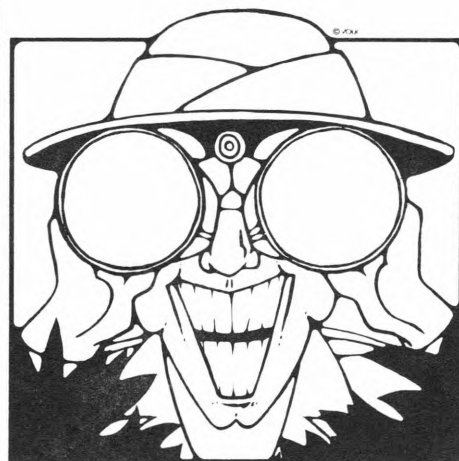
Movie: "Pretty Woman," 6:30 p.m. and 9 p.m., Sept. 8, Hauck Auditorium. Admission. x1734.

10 Monday

Monday Jazz, 12:15 p.m., Sept. 10, Bangor Room, Union. x1734.

"Parenthood," a No Popcorn Cinema presentation, noon, Sept. 10, Sutton Lounge, Union. x1734.

"Student Teach in England and Canada," by Bernard Yvon and **"Be a Student and Study in England or Canada,"** by Gail Curry-Yvon, Kappa Delta Pi honor society seminars, 7 p.m., Sept. 10, 100 Neville Hall. x2940.



PLACES TO BE

Dining Services: Bear's Den - 7 a.m.-6:30 p.m. daily; Damn Yankee - 10 a.m.-2 p.m. Monday-Friday; Fernald - closed for renovation; University Club - 7:30-10 a.m. breakfast and 11 a.m.-1:30 p.m. lunch Monday-Friday, 4-6 p.m. bar Wednesday-Friday. 581-4706.

Farm Store: noon-8 p.m., Monday-Friday. 581-3227.

Fay Hyland Arboretum: Open daily. 581-2970.

Hudson Museum: 9 a.m.-4 p.m. Tuesday-Friday; 9 a.m.-3 p.m. Saturday; 11 a.m.-3 p.m. Sunday. Closed Monday. Hudson Museum Shop: 10 a.m.-3 p.m. Tuesday-Saturday; 11 a.m.-3 p.m. Sunday. 581-1901.

J. Franklin Witter Center (cow barns): 7 a.m.-4:30 p.m. daily; milking begins 2:30 p.m. 581-2757.

Lyle E. Littlefield Ornamental Trial Garden: Open daily. 581-2918.

Northeast Archives of Folklore and Oral History: noon-4:30 p.m. Monday-Friday. 581-1891.

Raymond H. Fogler Library: 8 a.m.-9 p.m. Monday-Thursday; 8 a.m.-5 p.m. Friday; 10 a.m.-5 p.m. Saturday; noon-5 p.m. Sunday. 581-1661.

Roger Clapp Greenhouses: 8 a.m.-4:30 p.m. Monday-Friday. 581-3112.

Smith Farm (sheep barn): Open to guided tours only. 581-3743.

University Bookstore: 8 a.m.-4:30 p.m. Monday-Friday. 581-1700.

University of Maine Herbarium: To visit the Herbarium, contact the Department of Botany and Plant Pathology. 581-2970.

University of Maine Museum of Art: Closed throughout August, opens in September. 581-3255.

University of Maine Planetarium and Observatory: For show reservations or for viewing hours in the Observatory, call the Planetarium. 581-1341.

Joan Brooks, research assoc., Dept. of Civil Engineering, presented an invited paper: "Peat as a Raw Material for Wastewater Treatment," at the Peat as a Raw Material Conference, May 23-25, at the opening of Bord na Mona's new research center, Newbridge, Ireland. There she also received the Todd Andrews Personal Award for excellence in peat engineering and science, an international award given by Bord na Mona, the Irish Peat Board, in recognition of her research and development of the peat onsite wastewater treatment system.

Alan Rosenwasser, assoc. prof. of psychology, attended the annual meeting of the Society for Research on Biological Rhythms in Amelia Island, Fla., in May. He presented a poster: "Effects of the Noradrenergic Neurotoxin DSP-4 on Free-Running Circadian Activity Rhythms."

Clayton Dodge, mathematics, and students **Patti Clapper**, **Jon Dearing**, **Frank Hubeny**, **Lisa Perry**, **Freda Sanborn**, **Miki Taguchi** and **Beth Van Der Zee** attended the Northeast Section of the Mathematical Assn. of America spring meeting, Roger Williams College, Bristol, R.I., June 8-9. Clapper and Hubeny gave talks: "Predicting Race Times" and "Teaching of Absolute Values" respectively. Dodge gave an invited talk: "Computer Assisted Mathematics Instruction at the University of Maine."

C. Stewart Doty, prof. of history, delivered a paper: "Franco-American History Projects in the State of Maine: Oral History, Historic Photographs and Archival Surprises," at Le Quebec et les Franco-phones de la Nouvelle-Angleterre: bilans et prospectives, le premier colloque de la Chaire pour le developpement de la recherche sur la culture d'expression francaise en Amerique du Nord, June 15-17, Quebec.

G.R. Schaertl, Ph.D. candidate, discussed elementary tree physiology and demonstrated the use of forestry field equipment to participants of the

Orono-Veazie Science Camp, Camp Jordon, May 31. Four one-hour presentations were given to approximately 70 students.

Jayendran Rasaiah, prof. of chemistry, attended the Second Eurasia Conference in Chemistry, Seoul, Korea, April 16-20, and read papers: "Kinetics of Annihilation Reactions with Traps" and "Cavity Functions and Association in Weak Electrolytes."

Professors **Peter Csavinszky** and **Peter Kleban**, and doctoral student **Hannington Oyoko**, physics, attended the 3rd Atlantic Theoretical Chemistry Symposium, University of Maine, May 24-26. Papers presented were: "Calculation of the Total Atomic Binding Energy with Recent Kinetic and Exchange Energy Functionals" by Csavinszky; "Domain Wall Energies Via Conformal Invariance" by Kleban; and "A Variational Approach to the Binding Energy of a Donor in a Gallium Arsenide Quantum Well Wire" by Oyoko. Csavinszky also chaired a section of the meeting.

Manfred Ehlers, assoc. prof., Dept. of Surveying Engineering and National Center for Geographic Information and Analysis (NCGIA), participated in the "International Symposium on Mapping and Geographic Information Systems," San Francisco, June 21-22. He presented a paper: "Remote Sensing and Geographic Information Systems: Image-Integrated GIS," participated in a panel discussion on data standards for GIS and chaired a session on mapping technology.

Saundra Gardner, assist. prof. of sociology, attended the National Coalition Against Domestic Violence Conference, Amherst, Mass., July 31-Aug. 4.

Martin Stokes, assoc. prof. of animal, veterinary and aquatic sciences, reviewed his 1984-89 silage evaluation data at a Farmline International distributors meeting, July 25, Syracuse, in the presentation: Effects on Silage Fermentation and Composition, and Nutritional Evaluation of Enzyme-treated Silages for Lactating Dairy Cattle."

PUBLICATIONS

Jayendran Rasaiah, prof. of chemistry, and grad. student **Jianjun Zhu** have published: "Cavity Functions and Association in Models for Weak Electrolytes," Journal of Chemical Physics, 92, 7554 (1990).

Saundra Gardner, assist. prof. of sociology: "Images of Family Life Over the Family Lifecycle," The Sociological Quarterly, Vol. 31, No. 1 (1990) pp. 77-92.

Steven Barkan, assoc. prof. of sociology: "Syllabi Set for Courses in Collective Behavior and Social Movements," (with Debra Friedman, University of Arizona), Washington, D.C.: American Sociological Assn., Teaching Services Program (August 1990).

Robert Strong, assoc. prof. of finance: "Using Intuition from Elementary Physics to Explain Bond Duration," The Engineering Economist, pp. 295-304 (Summer 1990).

Melvin Burke, prof. of economics: "Private Versus Public Construction in Honduras: Issues of Economics and Ideology," Privatization and Deregulation in Global Perspective, Dennis Gayle and J.N. Goodrich (eds.), Greenwood Press (1990).

Edward Carr, prof. of physics and astronomy, and **James McClymer**, assist. prof. of physics and astronomy: "Traverse Flow in Electric Fields and Defects in a Nematic Liquid Crystal," Molecular Crystals and Liquid Crystals, Vol. 182B (1990) pp. 245-256.

SPONSORED PROGRAMS

National Science Foundation's Directorate for Biological, Behavioral and Social Sciences will hold a special competition in support of fundamental research aimed at elucidating principles that underlie the conservation and restoration of biological diversity. Proposals may address any level of evolutionary, ecological, physiological, or behavioral analysis, or may seek to integrate across levels or disciplines. Deadline: Sept. 29.

International Research and Exchanges Board makes short-term

travel grants to American scholars in the humanities and social sciences for international scholarly collaboration, lectures or seminars, and research visits in the Soviet Union, East Europe, and the Mongolian People's Republic. Next deadline: Oct. 1.

U.S. Department of Education supports research, surveys, and demonstrations related to the education of, and early intervention services for, toddlers, children, and youth with disabilities. Range of awards: \$100,000-\$150,000. Deadline: Oct. 14.

Mary Ingraham Bunting Institute of Radcliffe College provides residential fellowships to women scientists, scholars, creative writers, and visual and performing artists. Deadline for 1991-92 fellowships: Oct. 15.

U.S. National Committee for Man and the Biosphere invites prospectuses for inter- or transdisciplinary, policy-relevant research in high latitude, marine and coastal, temperate, tropical, or human-dominated ecosystems. Deadline: Nov. 5.

American Council of Learned Societies awards fellowships of up to \$25,000 to support six-12 months of research and writing in Chinese Studies or East European Studies. Deadline: Nov. 15.

For more information, call Sponsored Programs, x1476.

CAMPUS NOTES

Dedication of the Winthrop C. Libby Cooperative Extension Hall will be at 10 a.m., Sept. 7. The dedication address will be delivered by Eugene Mawhinney. A reception and open house will follow. The Libby Cooperative Extension Hall is located on Grove Street Extension, next to Nutting Hall.

The Student Meeting and Conference Travel Fund (SMCTF) for undergraduate students will hold its first competition of the academic year. This fund serves undergraduate students who need financial assistance for travel to meetings/conferences of an academic nature. Applications must be submitted to the Office of Academic Affairs, 209 Alumni Hall, by Oct. 5. Money will be awarded for travel taking place prior to Feb. 8. Applications are available in the Office of Academic Affairs, x1547.

The Peace Studies Program needs donated items for its Sept. 6-7 yard sale at the Memorial Union. Needed are such items as small appliances, housewares, books, furnishings, plants, baked goods, clothing, records, tapes, etc. Proceeds will benefit the Peace Studies Program. Call x2609 if you have items to donate, or bring them to the Program's new office, 318 The Maples. All donations are tax-deductible.

UM Employee Assistance Program is a free confidential assessment and referral service for faculty, staff and their families seeking solution to persistent personal problems. Summer coverage through Sept. 1 is being provided by the UM Counseling Center. For an appointment, contact the Counseling Center, x1392.



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